

Calderon, Wanda

From: Bleicher, Michael <Michael.Bleicher@dep.nj.gov>
Sent: Tuesday, November 20, 2018 10:45 AM
To: Kraft, Nicole; Brignoni, Rosa; Sessoms-Midgett, Stephanie; Sinon, Kara; Lowy, Michael; Vinciguerra, Amy; Giberson, Kevin G.; Liccese, Joseph; Budes-Carroll, Janet; Hansen, Kristin; Nakajima, Tsuyoshi; Brook, Chelsea; Ofori, Linda
Cc: Gardner, Patricia; Hirsch, Don
Subject: RE: Newark Planning (2001 Disinfection Profiling)
Attachments: Attachment D_CL Contact.pdf; Spread sheet - Water Quality Parameter Monitoring - Jul 2016-Jun 2017 -Lead Action Level exceedance; Violation-Lead Action level Exceedance PWSID 0714001 -EAID# PEA170004 - Immediate Corrective Measures; 95094_0714001_WTT150001_107_Newark NJ0714001 Response WQP WTT150001.pdf; CT Calculations for Dec 2015 - Feb 2016.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Unexpectedly found attachment with 04/23/2001 Newark Disinfection Profiling Letter while searching for operational (non-regulatory) chlorine residual and pH data (incoming and outgoing) for Cedar Grove uncovered finished water reservoir. Wasn't successful in finding that (it must have only been turbidity data). However, found attached WQP monitoring which indicates one instance 07/20/2016 (non-continuous data) when pH at Pequannock Water Treatment Plant Sample House was at pH of 6.93. Also found attached immediate corrective measures letter indicating response to PEA170004 (1st half 2017 ALE) included sodium silicate dosage increase effective 07/24/2017 for DS silicate residual of 5.0 – 6.5 mg/L and June 2017 conversion from dry to hydrated lime feed for improved pH control with DS goal to maintain pH >7.5. Have not been able to find documentation setting minimums or ranges for either silicate or pH. Only found attached Newark 10/20/2015 Optimal WQP Recommendation for minimum pH of 7.3 for Pequannock System. Note that attached CT Calculations for Dec2015-Feb2016 indicate about 10% of the average daily pH values are <7.00 ranging from 6.49 to 6.99 and the other 90% which are >6.99 ranging from 7.00 to 8.87.

Michael Bleicher
New Jersey Department of Environmental Protection
Division of Water Supply & Geoscience
Bureau of Water System Engineering
michael.bleicher@dep.nj.gov
(609) 292-2957
<http://www.nj.gov/dep/watersupply/>

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From: Kraft, Nicole <Kraft.Nicole@epa.gov>

Sent: Monday, November 19, 2018 12:08 PM

To: Brignoni, Rosa <Brignoni.Rosa@epa.gov>; Sessoms-Midgett, Stephanie <Sessoms-Midgett.Stephanie@epa.gov>; Sinon, Kara <Sinon.Kara@epa.gov>; Lowy, Michael <Lowy.Michael@epa.gov>; Vinciguerra, Amy <Vinciguerra.Amy@epa.gov>; Giberson, Kevin G. <Kevin.G.Giberson@dep.nj.gov>; Liccese, Joseph <Joseph.Liccese@dep.nj.gov>; Budesha-Carroll, Janet <Janet.Budesha-Carroll@dep.nj.gov>; Hansen, Kristin <Kristin.Hansen@dep.nj.gov>; Bleicher, Michael <Michael.Bleicher@dep.nj.gov>; Nakajima, Tsuyoshi <Tsuyoshi.Nakajima@dep.nj.gov>; Brook, Chelsea <Chelsea.Brook@dep.nj.gov>; Ofori, Linda <Linda.Ofori@dep.nj.gov>

Cc: Gardner, Patricia <Patricia.Gardner@dep.nj.gov>; Hirsch, Don <Don.Hirsch@dep.nj.gov>

Subject: [EXTERNAL] Newark Planning

NJDEP - Thanks for getting together this morning and sending us the following items in preparation:

- Monthly operational reports (2016 to present)
- TTHM/HAA5 locational data from SDWIS-State (2012 to present)
- Disinfection profile and benchmark from IESWTR (circa 2000)
- GIS layers
- Newark map
- Chlorine residual & pH @ Cedar Grove (incoming/outgoing) – Mike B mentioned he had some data.

EPA will pull together a proposed plan and schedule to share. Looking forward to working together on this.

Nicole Foley Kraft / Water Compliance Branch / U.S. EPA Region 2 / 290 Broadway, NY, NY 10007 /
ph: 212.637.3093 / fax: 212.637.3953 / kraft.nicole@epa.gov